

Amendments to the Claims:

Please amend the claims as follows:

1. (Currently Amended) A viewing tube for use as an endoscope or stroboscope that includes an LED illumination source comprising:

a straight, elongated, rigid hollow outer tube;

a coaxial smaller inner tube;

one or more optical lenses disposed within said inner tube forming an optical path allowing human observation from a proximal end of said tube to a distal end of said tube;

an eyepiece for human observation mounted at the proximal end of said tube;

an LED light housing including an LED light source mounted within said LED light housing;

a mounting block for mounting said LED light housing substantially perpendicular to said elongated rigid tube;

a fiber optic bundle having a first end abutting said LED light source to receive light for transmission there through, said fiber optic bundle having a portion connected and surrounding said inner tube and said lens optical path within said inner tube, said fiber optic bundle having a second light emanating end mounted at the distal end of said tube for an illumination pattern emanating from the distal end of said tube;

wherein the portion of the first end of the fiber optic bundle that covers the surface of the LED light source is a hemispherical concave shape; and

a power source connected to said LED for providing electrical power for illuminating said LED.

2. (New) The invention of claim 1, wherein the hemispherical concave shape of the portion of the fiber optic bundles that cover the surface of LED light source is preferred so that each fiber optic strand can transmit the maximum light from said LED light source to the distal end of the endoscopic inner tube.